



CURRICULUM VITAE

Name	JORGE GERARDO AYALA MINA	
Professor's Code	19938015B	
Professional Title	Metallurgical Engineer	
Highest Academic Degree	Master of Science - Metallurgical Engineering	
Category	Assistant	
Time	Part time	
Email	jayalamina@gmail.com Jorge.ayala@cetemin.com	

Higher education leading to a degree or title

(Include at the end of the table, postgraduate studies in which the degree is missing, diplomas or specializations)

Description	Year	University - Abbreviation	Country
Bachelor of Metallurgical Engineering	1987	UNDAC	Peru
Professional Metallurgical Engineer	1993	UNDAC	Peru
Metallurgical Engineering – Master	2018	UNI	Peru
Corrosion Specialization Course	1997	PUCP	Peru
Senior Business Management Program	2010	UDEP	Peru

Academic Experience (as a professor or administrative staff in universities or other academic institutions)

Institution	Position	Years: from-to
National University of Engineering	Professor	1993 – 2019
Technological Mining Center	General Manager	2003 – 2017
National University of Engineering	Technical Mining Training Center Director	1996 – 2002

Professional Experience (private or public sector)

Institution	Position	Years: from-to
ALFA Y OMEGA MINING S.A.C.	General Manager	2005 – 2019
CIEMAM S.A.C.	General Manager	2015 – 2019
CITE Mining and Environment	Executive Director	2017 – 2019
APC ValeOro	General Manager	2014 – 2019

Research work in the last 5 years (situation: completed, published, in process)

Research work	Participation (Head of team or researcher)	Situation
Technological alternative to the use of mercury and cyanide in the recovery of gold using the Coal-Gold Agglomeration (CGA) process.	Head of research	Completed



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Professional Association: Entity, number, year	Peruvian Engineers Association CIP No. 112998, Since 2009.						
Member of Scientific and Professional Societies	Member of the Board of Director of the Technological Mining Training Center, 2003 – 2019.						
	Member of the Board of Directors of the CITBM – Centre for Technological, Biomedical and Environmental Research – CONCYTEC / UNMSM 2018 – 2019.						
	Member of the Board of Director of the Productive CITE of Madre de Dios. Production Department.						
Awards and Acknowledgments	Honorable Mention to the best work in Engineering Research – CONCYTEC 1995.						
	Certificate of recognition by the Peruvian Congress for the contribution to the development of modern mining in Peru in the field of technical education, 2018.						
Certifications							
Speaker or panelist at Conferences	Topic	Conference or Event Organizer / Place	Year				
	Clean and Mercury-Free Technologies in Artisanal and Small-Scale Mining International Seminar - SITEL	Environment Department (MINAM)	2018				
	"New technologies for the replacement of mining in Madre de Dios"	CITE Mining and Environment	2018				
	"Small Alluvial Mining: Challenges and Possibilities in the Light of International Experience"	Energy and Mines Department	2018				
Publications (books, journals, essays not-included in the previous section)	Title	Journal / publishing house	Year				
	"Optimization by experimental designs"	CONCYTEC	2005				
Attendance to: Courses, conferences, seminars, workshops, symposiums and congresses	Event	Organizer - place	Year				
	32 nd Mining Convention of Peru	Peruvian Institute of Mining Engineers	2015				
	31 st Mining Convention of Peru	Peruvian Institute of Mining Engineers	2013				
	30 th Mining Convention of Peru	Peruvian Institute of Mining Engineers	2011				
Other activities of technical support, social work, etc.	None						
Languages. A: advance I: Intermediate B: Basic	English	A		I	x	B	
		A		I		B	



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Subjects you are/were in charge of in the last three years at UNI (indicated if it is from another program)

Environment Care in Metallurgic Processes
Numerical Methods

From your total weekly work, indicate the % of time dedicated to the UNI:

UNI (in %)					Another institution (%)	Total
Teaching	Tutoring-Assessing	Research	College Administration	Main Administration		
70	20	10	-	-	-	100%

Note: Teaching includes preparing and giving classes, and correcting evaluations.

Administration includes laboratories.

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